

Prolifics Build Conductor: Continuous Integration for WebSphere

In today's business environment, advanced technology allow remote development teams to collaborate and work together, regardless of the distance between them. However, with multiple team members all working on the same source code for an application, it has become increasingly important to integrate and test all changes being made. At Prolifics, we believe that in order to achieve the best results in software development, an optimized combination of tools and the right approach is key. This allows us to reduce costs for our customers across the lifecycle by automating mundane and time-consuming tasks as well as improving workflow between team members.

We encourage customers to adopt continuous integration so that changes can be made regularly, as opposed to waiting until late in the development cycle. Doing so allows development to immediately catch integration issues, which are then easier and less expensive to solve. As a result, releases also become available for testing in less time.

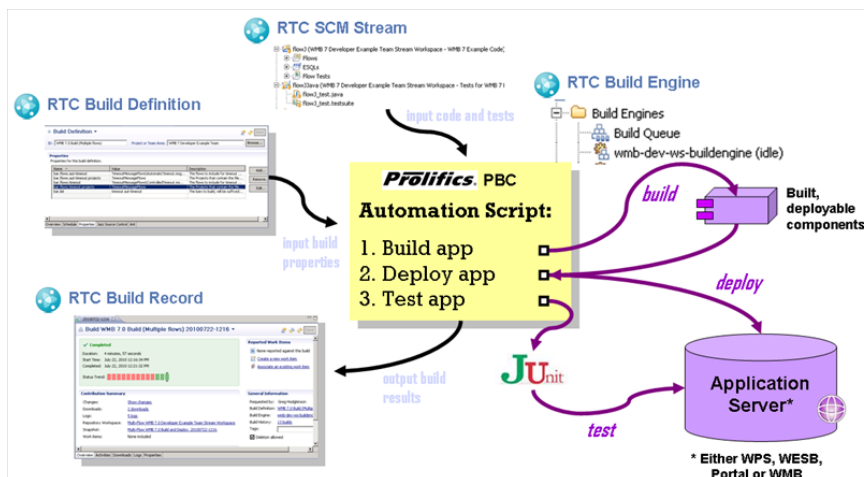
Prolifics Build Conductor, powered by IBM Rational Team Concert (RTC), adds out-of-the-box scripts to automate the build, deploy and integration test cycle for WebSphere applications. Build Conductor adds to RTC's collaboration capabilities by allowing users to automatically produce and test integration builds of WebSphere applications. The solution supports IBM WebSphere ESB, WebSphere Process Server, WebSphere Portal Server and WebSphere Message Broker and has achieved the "Ready for IBM Rational" technical validation.



Benefits of Automated Build, Deploy and Test

With Prolifics Build Conductor running inside the Rational Team Concert build engine, customers are able to automate the build, deploy and test of WebSphere applications without the need for scripting.

1. **Build**—Build Conductor pulls the latest code changes delivered by the developers from the RTC source control repository. It then builds the source into executables using the WebSphere build mechanisms, reporting any build errors that come up.
2. **Deploy**—Build Conductor uses the WebSphere deployment mechanisms to deploy the application to an integration test server, identifying any errors in the process.
3. **Test**—Build Conductor tests the application against the deployed code in the integration test environment. It reports any issues that are encountered during testing.



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